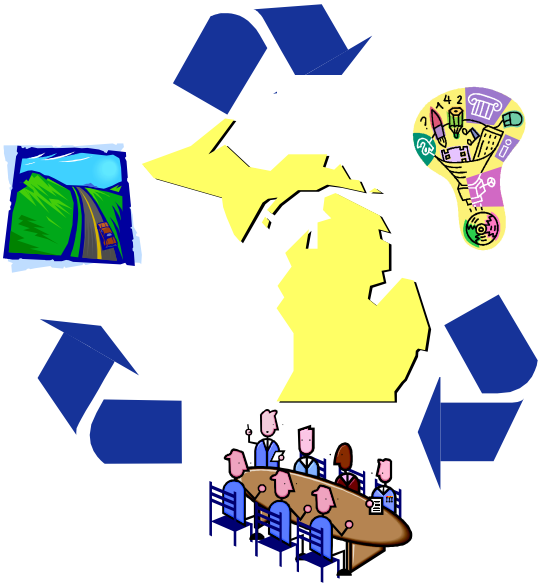
TRCC

TRAFFIC RECORDS COORDINATING COMMITTEE



Strategic Plan

2010-2015

General Information

Emphasis Areas

Priorities

Appendix

Traffic Records Coordinating Committee (TRCC)

In Michigan, the traffic data systems that make up a comprehensive traffic records system are located in multiple state departments. It is essential, therefore, that the operation and management of these systems are coordinated to ensure that the crash data is accessible, timely, accurate, complete, uniform and integrated for all users within the State.

Prior to 1994, coordination of these systems took place through an interagency work group that met every other month. In 1994, this work group was absorbed into the Michigan Traffic Safety Management System becoming the Data Action Team (DAT), one of 13 action teams created within this system. Membership within the DAT expanded to include traffic safety data users from across the state. This expansion changed the role of the DAT from strategic to operational. Recognizing the need to continue coordination of these data systems at a strategic level, an executive level group continued to meet separate from the DAT. These two groups were combined to create Michigan's Traffic Records Coordinating Committee.

In 2002, the Michigan State Safety Commission and the Michigan Traffic Safety Management System were combined to create the Governors Traffic Safety Advisory Commission (GTSAC). The Traffic Records Coordinating Committee continues to serve as an action team within the GTSAC structure and has responsibility for addressing traffic crash record issues within the state.

In Michigan, TRCC membership is made up of any group, agency or individual who has an interest in, and can provide to other members, a perspective needed to improve the quality, timeliness and availability of traffic records. While MOU's exist between member agencies, TRCC membership is voluntary and can be subject to change at any point. The TRCC has no authority to set policy, establish rules, or otherwise impose its authority on any group, agency or individual. Work groups and technical committees are established based on current projects, activities and/or issues at hand. The TRCC currently meets on an annual basis.

Within the TRCC is an Executive Committee that provides leadership to the larger, full TRCC. The Chair of the TRCC is also a member of the Executive Committee and is rotated among the Executive Committee membership on an annual basis. The TRCC Chair keeps the GTSAC apprised of TRCC activity, projects and/or accomplishments through reports at the bi-monthly GTSAC meetings. The Executive Committee is comprised of a representative from the Michigan Department of State Police, Michigan Department of State, Michigan Department of Transportation, Michigan Department of Community Health, Michigan State Courts Administration Office and the Michigan Office of Highway Safety Planning. The TRCC Executive Committee currently meets on a quarterly schedule and on 'as needed' when those situations arise.

The TRCC Charter can be found in the Appendix Section - Appendix A.

Traffic Records Assessment

In 2004 and again in 2009 the Office of Highway Safety Planning (OHSP) requested that the National Highway Traffic Safety Administration (NHTSA) facilitate a statewide, comprehensive traffic records assessment. NHTSA proceeded to assemble a team of traffic records professionals representing the various disciplines involved in a state traffic records system. Concurrently the OHSP carried out the necessary logistical and administrative steps in preparation for the onsite assessment. A team of professionals with backgrounds and expertise in several component areas of traffic records data systems (crash, driver/vehicle, roadway, enforcement and adjudication, and EMS and trauma data systems) conducted the assessment.

The scope of the traffic records assessment included all of the data systems comprising a traffic records system. The purpose of this assessment was to determine whether Michigan's traffic records system is capable of supporting management's needs to identify the state's safety problems, to manage the countermeasures applied to reduce or eliminate those problems and to evaluate those programs for their effectiveness.

The 2009 Traffic Records Assessment Executive Summary can be found in Appendix B.

Strategic Planning

A comprehensive Traffic Records Strategic Plan should define a system, organization, and process for managing the data and attributes of the roadway, drivers, passengers and vehicles to achieve the highest level of highway safety by integrating the work of disciplines and agencies involved. **Simply put, a strategic plan identifies where the organization wants to be at some point in the future and how it is going to get there.** The "strategic" part of any planning is the continual attention to current changes in the organization and its external environment, and how this may affect the future of the organization and its established goals.

In order to manage this complex system and to achieve the level of integration necessary to meet the highest levels of safety, 4 key assumptions must be understood:

1. An organizational structure exists that will allow for the integration of the agencies involved in highway safety.
2. A formal management process is in place that will coordinate the activities of these agencies in a manner that will efficiently achieve the stated goals, mission and vision.
3. The planning process is at least as important as the planning document(s) itself
4. The planning process is never "done" – its a continuous cycle

This strategic plan is a multi-year plan which will be updated annually and/or as needed. The strategic plan was developed to address the timeliness, accuracy, completeness, uniformity, integration and accessibility of all traffic related data and systems and to provide the mechanism to ensure the expenditure of safety funds are done so with these elements in mind.

Vision
All roadway users arrive safely at their destinations.

Mission
Improve the timeliness, accuracy, completeness, uniformity, integration, and accessibility of crash data and systems to enable stakeholders and partners to identify and resolve traffic safety issues.

Goals
- Maintain a comprehensive TRCC composed of members from the traffic safety community whose purpose is to jointly set the direction and future on matters related to Michigan traffic record systems and data.
- Benchmark and measure the timeliness, accuracy, completeness, uniformity, integration and accessibility of traffic data that is needed to identify priorities for national, state and local traffic safety programs.
- Facilitate and coordinate the linkage of systems within the state, such as systems that contain crash related medical and economic data, with traffic crash data.

Measures of Impact and Evaluation
In developing and implementing strategies to address each of the emphasis areas, the TRCC will determine the level of impact and success of efforts and resources expended:
- Secure baseline data from relevant sources to determine the current 'Crash Picture' for the state.
- Develop and determine priorities and programming based on critical data analysis and potential emerging safety issues.
- Develop relevant measures of activity and impact, and gather and use such data as the basis for new program development and requests for continuing funding.

An annual report will be prepared to provide information on the status of all funds awarded under Section 408 including the list of projects implemented in the past fiscal year, brief descriptions of activities completed and any problems encountered.

Emphasis Areas
To support the mission, vision and goals of the strategic plan, information was utilized from the 2004 and 2009 Traffic Records Assessments and through TRCC general and executive level meetings and from other State, Local and Federal safety partners at various meetings, forums and conferences. In addition, the generally accepted "E's" of traffic safety (Engineering, Enforcement, Education and Emergency Medical Systems) were considered in establishing emphasis areas. This plan outlines the high level activities and projects that provide a long term (3+ years) direction of traffic records data and systems in Michigan in the following areas:
- Crash
- Citation/Adjudication
- Driver/Vehicle
- Injury Surveillance System Components
- Roadway
- TRCC

Crash

Recommendation: 1 of 4

Develop a formal plan for the spread of electronic crash data reporting implementations throughout the local law enforcement agencies. **(Section 2-A)**

Deficiency Identified:

There does not currently exist a formal, statewide action plan that outlines how and when the state will achieve 100% electronic crash capture and submission (ECCS).

Strategies:

Create an action plan that will detail the process, timelines, costs, funding sources and agencies involved to move the state to 100% ECCS.

Project Name	Electronic Crash Capture & Submission
Priority	High
Status	Active
Lead Agency	Office Of Highway Safety Planning
Project Description/Purpose	Assist Police agencies in collecting and submitting crashes (UD-10) electronically
Partners	CJIC, MSP, MDOS
Performance Measure	Timeliness, Accuracy
Website	Michigan.gov/OHSP
Project Director	Steve Schreier
Address	4000 Collins Rd, Lansing, MI 48909
Phone	517-333-5306
E-mail	Schreies@michigan.gov
Agency	Office of Highway Safety Planning
Impact/Results	Crash data will be collected electronically with greater speed and accuracy
Start	10/1/2010
End	9/30/2011
Funding Source	408
Cost	$1,000,000 (up to)
Project Benchmarks	Police agencies start collecting and submitting crashes via an electronic solution

Recommendation: 2 of 4

Develop a comprehensive formal plan for implementing a field data collection capability for crashes, citations and other reports in the Michigan State Police addressing the following needs:

- Laptop computers in all MSP units with a traffic enforcement role.
- Software licenses for electronic crash and citation, if not a complete suite of field reporting software.
- A replacement of the legacy RMS.
- Replacement or upgrade of the communication system. **(Section 2-A)**

Deficiency Identified:

The Michigan State Police do not have department wide electronic capabilities to collect and submit crash or citation data/information

Strategies:

Create a plan

Project Name	MSP Electronic Records Management						
Priority				Medium			
Status	Proposed						
Lead Agency	Reporting and Analysis Division, Criminal Justice Information Center, Michigan State Police						
Project Description/Purpose	To acquire the capability for the Michigan State Police to collect crash and citation information real-time in a mobile environment.						
Partners	Field Services Bureau, Management Services Division, Department of Information Tech.						
Performance Measure	Timeliness	Accuracy		Integration	Uniformity		
Website	N/A						
Project Director	Diane Sherman						
Address	P.O. Box 30634, Lansing, Michigan 48913						
Phone	517-241-1632						
E-mail	shermadl@michigan.gov						
Agency	Michigan State Police						
Impact/Results	Crash and citation data collected by the State Police will be more timely, accurate, and complete						
Start	7/1/09						
End	9/2012						
Funding Source	CJIC Fees / potential Federal Motor Carrier Safety Administration grant						
Cost	? (RFP process)						
Project Benchmarks	Contract in place; product customized to State Police processes; lap tops procured, configured, and distributed; technical communications route finalized; troopers being collecting data, product interfaced with new RMS.						

Recommendation: 3 of 4

Add a first-pass check at MSP CJIC to ensure that all crash reports include a narrative and diagram. Continue to stress the need for the narrative and diagram in all crash reporting training provided to law enforcement. **(Section 2-A)**

Deficiency Identified:

Strategies:

Project Name	Crash Narrative/Diagram Quality Check
Priority	High
Status	Proposed
Lead Agency	Michigan State Police, Reporting & Analysis Division, Traffic Crash Reporting Section
Project Description/Purpose	Improve the number of narratives and diagrams received with crashes. This effort is especially needed with electronic reporting agencies. Through several avenues, an effort will begin to educate law enforcement agencies on the importance of including a narrative/diagram with the crash report. Educate them on who and how this information is used.
Partners	All Michigan law enforcement agencies
Performance Measure	Completeness
Website	
Project Director	Sydney Smith
Address	P.O. Box 30634, Lansing, Michigan 48913
Phone	(517) 241-1750
E-mail	smithsydney@michigan.gov
Agency	Michigan State Police
Impact/Results	Without a narrative/diagram, it is very difficult to perform engineering analysis to determine the cause of the crash. In addition, a visual location (diagram) is invaluable to determine the exact point/causation of the crash. With increased submission of a narrative/diagram, more in-depth analysis for decision making on road improvements is possible.
Start	2/1/2010
End	Ongoing
Funding Source	N/A
Cost	N/A
Project Benchmarks	Increased amount of narratives/diagrams received.

Recommendation: 4 of 4

Add the capability to access relevant additional files – such as an image of the crash, crash scene photos, additional narratives, etc. – into a future release of TCRS. **(Section 2-A)**

Deficiency Identified:

There is no current process to provide access to photos, incident reports, or crash reconstruction data for conducting crash related safety analysis.

Strategies:

Develop a process to link this data to the TCRS database or host it in the TCRS database so it can readily be accessed by safety analysis systems.

Project Name	TCRS Add-On
Priority	**Low**
Status	**Proposed**
Lead Agency	MSP Criminal Justice Information Center (CJIC)
Project Description/Purpose	Develop a process to access traffic crash relevant files through TCRS – such as crash scene photos, incident narratives, witness statements, and crash reconstruction data.
Partners	CJIC, MDOT, MDOS, MDCH
Performance Measure	**Accessibility**
Website	Michigan/gov/msp
Project Director	Jack Benac
Address	425 W. Ottawa Street
Phone	517-335-2975
E-mail	benacj@michigan.gov
Agency	Department of Information Technology
Impact/Results	Crash data will be more complete and accessible to improve data driven decision making and reduce traffic deaths and injuries.
Start	TBD
End	TBD
Funding Source	408 Funds
Cost	$200,000
Project Benchmarks	Access to crash related relevant files is provided to analysts to improve decision making

Recommendation identified outside of the Traffic Records Assessment

MMUCC Compliancy

Deficiency Identified:
In relation to Federal Standards (MMUCC), Michigan is 69% compliant in the number of elements (fields) found on the report and 54% compliant in the number of attributes (values) captured.

Strategies:
Convene a multi-disciplinary team to review every element and attribute on the UD-10 crash form and make recommendations for changes and enhancements

Project Name	UD-10 Crash Report Redesign
Priority	Medium
Status	Active
Lead Agency	OHSP
Project Description/Purpose	Compare our current UD-10 Crash report fields and values in relation to MMUCC standards. Convene the Crash Data User Group (CDUG) to review and agree upon changes/updates and implement where possible/practical.
Partners	CJIC, MSP, MSA, MACP, MDOT, County Road Commission, MPO's, FMCSA, FHWA, NHTSA
Performance Measure	Accuracy, Completeness
Website	CJIC: http://www.michigan.gov/msp/0,1607,7-123-1593_24055-28578--,00.html MMUCC: http://www.mmucc.us/
Project Director	Steve Schreier
Address	4000 Collins Rd, Lansing, MI 48909
Phone	517-333-5306
E-mail	Schreies@michigan.gov
Agency	Office of Highway Safety Planning
Impact/Results	Michigan will move closer to being 100% MMUCC compliant and therefore have a more accurate and complete UD-10 crash form. This will provide all data users the ability to better analyze UD-10 information and construct and implement better quality safety solutions.
Start	2/1/09
End	TBD
Funding Source	408
Cost	~$100,000
Project Benchmarks	This project is multi-phased over a 3 year period: 1. CDUG reviews all fields/values and makes recommendation(s) for changes/updates 2. Approval is obtained from MSP, MACP and MSA to accept changes 3. Changes are incorporated into a redesigned form 4. CDUG reviews redesign form and suggests changes/updates 5. FINAL redesign is presented to MSP, MACP and MSA for comment and approval 6. New UD-10 is produced in paper form and incorporated into electronic systems (ECCS-all vendors) 7. All police agencies/officers are trained on the new UD-10 8. Back-end database changes are made 9. Reports are updated to reflect changes 10. State starts to use new UD-10 on January 1st, 2012

Citation

Recommendation: 1 of 1

Determine, through the TRCC, how best to develop the information available in the Judicial Data Warehouse into a citation tracking system and a DUI tracking system. **(Section 2-E)**

Deficiency Identified:

Unlike the trial courts, law enforcement does not have a centralized application or repository for citations or DUI arrests. The Judicial Data Warehouse (JDW) has the majority of these citations/cases with the exception of those that were never submitted to the court for adjudication. However, absent those few, there may be valuable data to be tracked in the JDW. This would include tracking citations and DUI related information by demographics, jurisdiction, individuals, charges, historical trends and others recognized by the TRCC.

Strategies:

Hire a contractor to facilitate business analysis sessions with TRCC and determine what tracking mechanisms best meet the needs of the strategic plan.

Project Name	Discovery of enhanced Citation and DUI tracking reports
Priority	Low
Status	Proposed
Lead Agency	State Court Administrative Office
Project Description/Purpose	Capture and record the requirements of Citations and DUI from the JDW seen beneficial by the TRCC.
Partners	CJIC, MSP, MDOS, DCH
Performance Measure	Integration
Website	N/A
Project Director	Mark Dobek
Address	925 W. Ottawa
Phone	517-373-8978
E-mail	dobekm@courts.mi.gov
Agency	State Court Administrative Office
Impact/Results	Programming Specifications for tracking mechanisms
Start	10/01/2010
End	09/30/2011
Funding Source	408
Cost	$25,600 = $160 X 160 hours
Project Benchmarks	Development of a TRCC Business Use Case for Citations and DUI tracking

Vehicle/Driver

Recommendation: 1 of 1
System Upgrade

Deficiency Identified:
Outdated batch processing and lack of customer-centric structure.

Strategies:
Implement the system upgrade plan, and create an action plan to identify additional funding sources for additional system enhancements.

Project Name	Business Application Modernization (BAM)
Priority	High
Status	Active
Lead Agency	MDOS
Project Description/Purpose	System upgrade for driver and vehicle records.
Partners	MDIT, vendor
Performance Measure	Timeliness; Accuracy; Completeness
Website	
Project Director	Rose Jarois
Address	7064 Crowner Dr., Lansing, MI 48918
Phone	(517) 636-0231
E-mail	JaroisR@mi.gov
Agency	MDOS
Impact/Results	Driver and vehicle data will be collected electronically with improved accuracy, speed, and completeness.
Start	Ongoing
End	Fall 2010
Funding Source	State legislature and some federal grant funding.
Cost	High
Project Benchmarks	Data migration to new platform and begin new customer-centric, real-time processing.

Injury Surveillance System Components

Recommendation: 1 of 3

Invite a representative from the Michigan Health and Hospital Association to become a member of the TRCC. **(Section 2-F)**

Deficiency Identified:

Lack of representation from all disciplines on the TRCC

Strategies:

Invite a representative from the Michigan Health and Hospital Association to become a member of the TRCC

Project Name	TRCC Expansion of Members
Priority	Medium
Status	Proposed
Lead Agency	Department of Community Health
Project Description/Purpose	Meet with the Michigan Health and Hospital Association to determine if they would like to become a member of the TRCC.
Partners	Michigan Health and Hospital Association, MDCH
Performance Measure	Integration
Website	N/A
Project Director	Robin Shively
Address	201 Townsend Street, Lansing, MI 48913
Phone	517-241-3024
E-mail	rmshivl@michigan.gov
Agency	Department of Community Health, EMS and Trauma Systems
Impact/Results	Integration of additional partners
Start	6/1/10
End	9/30/10
Funding Source	N/A
Cost	N/A
Project Benchmarks	Attendance at TRCC meetings by a MHHA Representative

Recommendation: 2 of 3

Establish a data set through the integration of crash, EMS and hospital discharge data to enhance problem identification and program analysis efforts. **(Section 2-F)**

Deficiency Identified:

Currently we have a crash data system, an EMS information system, and hospital discharge data that are not integrated.

Strategies:

Establish a common data set to link crash, EMS and hospital discharge data.

Project Name	CODES
Priority	High
Status	Proposed
Lead Agency	MDCH/OHSP
Project Description/Purpose	Establish an automated Data Linkage System with EMS and Crash data
Partners	MHHA, MDCH, MSP
Performance Measure	Integration
Website	N/A
Project Director	Robin Shively
Address	201 Townsend Street, Lansing, MI 48913
Phone	517-241-3024
E-mail	rmshivl@michigan.gov
Agency	Department of Community Health, EMS & Trauma Systems
Impact/Results	Linkage of specific data systems
Start	TBD
End	TBD
Funding Source	TBD
Cost	TBD
Project Benchmarks	Linkage of EMS and Crash data

Recommendation: 3 of 3

Develop a data sharing agreement between OHSP (MSP) and MDCH to facilitate collection of death certificate data needed for inclusion in FARS. **(Section 2-F)**

Deficiency Identified:

Strategies:

Project Name	Web access to MDCH death certificate data
Priority	High
Status	Active
Lead Agency	Michigan State Police, Reporting & Analysis Division, Traffic Crash Reporting Section
Project Description/Purpose	Gain web access to death certificates through the MDCH to review death certificate data more timely and eliminate manual efforts.
Partners	OHSP, State Services Bureau, and MDCH
Performance Measure	Timeliness
Website	N/A
Project Director	Sydney Smith
Address	PO Box 30634, Lansing, Michigan 48913
Phone	(517) 241-1750
E-mail	smithsydney@michigan.gov
Agency	Michigan State Police
Impact/Results	
Start	1/1/2009
End	Ongoing
Funding Source	TBD
Cost	TBD
Project Benchmarks	MSP will have web access to death certificate data

Recommendation identified outside of the Traffic Records Assessment

Roadway

Recommendation: 1 of 2

Design and commit to a consistent and complete data collection procedure for road features on the State system, including more discrete roadway data segmentation. **(Section 2-B)**

Deficiency Identified: Roadway data and traffic volumes are critical to roadway agencies to conduct system wide crash analysis of their roadways and any prediction of performance in relationship to crashes. While data may be available if may not be in the format or as discrete, as necessary, to be valid in an analysis.

MDOT's efforts are focused on data issues relative to rolling out the first version of SafetyAnalyst. SafetyAnalyst is a set of software tools under development by the Federal Highway Administration to help State and local highway agencies advance their programming of site-specific safety improvements. These software tools will incorporate state-of-the-art approaches to safety management to guide the decision making process on safety improvement needs and a system wide program of improvement projects. To support such a robust set of software tools discrete sets of roadway data is required. MDOT's efforts are to determine the validly of existing data sets and what revisions would be required to utilize SafetyAnalyst at an acceptable level.

In the course of attempting to access and utilize Traffic and Safety data for safety analysis, including SafetyAnalyst, MDOT has confirmed issues with: data integrity; outdated data collection, management, and referencing in Traffic and Safety business areas. Some of these are not critical to operating SafetyAnalyst, but their integration could enhance our safety analysis capabilities.

Strategies: Efforts are in the following areas:

- Redoing/updating the freeway interchange data inventory to meet the needs of SafetyAnalyst and other MDOT safety analysis.

- Review and validation of several data items currently found in the MDOT sufficiency file for use in SafetyAnalyst. If, after detailed inspection and verification of the data attributes, we will begin collecting those items (with our standards and definitions) that are not adequate in Sufficiency, or not in Sufficiency.

- Integration of various Traffic and Safety databases, including bringing several MDOT databases based on MDOT's Control Section referencing system (i.e. signals files) to the statewide standard reference system (FRAMEWORK).

- Manipulation of traffic volume information for use in SafetyAnalyst including: development of ADT's for ramps from recent MDOT ramp counts and development of estimates for local road ADT's at intersections with trunklines.

Beyond the initial effort of rolling out the first version of SafetyAnalyst MDOT will be evaluating the feasibility and methods to collect additional roadway data items for future versions of SafetyAnalyst. The first data item will be horizontal curve information. This information will provide MDOT with improved analysis of run off the roadway crashes on rural non-freeway roadways and evaluate existing traffic signs for these locations.

Project Name	SafetyAnalyst Verification and Loading – Version 1.0
Priority	**High**
Status	**Active**
Lead Agency	Michigan Department of Transportation
Project Description/Purpose	Data verification, integrity check and loading for rollout of SafetyAnalyst, version 1.0
Partners	Federal Highway Administration, American Association of Highway and Transportation Officials
Performance Measure	**Accuracy**
Website	www.safetyanalyst.org
Project Director	Dale Lighthizer
Address	425 W. Ottawa Street, P.O. Box 30050, Lansing, MI 48909
Phone	517-373-2334
E-mail	lighthizerd@michigan.gov
Agency	Michigan Department of Transportation
Impact/Results	Michigan will join other states in utilizing state of the art analytical crash analysis tools
Start	6/1/2009
End	6/1/2011
Funding Source	MDOT
Cost	$75,000
Project Benchmarks	MDOT will utilize SafetyAnalyst for Safety Management

Recommendation: **2of 2**
Deficiency Identified: Horizontal Curve Information Collection

Project Name	Collection of Horizontal Curve Information
Priority	**Medium**
Status	**Proposed**
Lead Agency	Michigan Department of Transportation
Project Description/Purpose	Collect horizontal curve information (degree of curve, grade, cross slope) as part of MDOT's pavement data collection effort.
Partners	Pavement Data
Performance Measure	**Accuracy**
Website	
Project Director	Dale Lighthizer
Address	425 W. Ottawa Street, P.O. Box 30050, Lansing, MI 48909
Phone	517-373-2334
E-mail	lighthizerd@michigan.gov
Agency	Michigan Department of Transportation
Impact/Results	Michigan will create a state trunkline horizontal curve data base to utilize for crash analysis and upgrade traffic signing to reflect roadway geometrics
Start	6/1/2011
End	6/1/2013
Funding Source	MDOT
Cost	$100,000

TRCC

Recommendation: 1 of 1

Include local law enforcement and traffic engineers, and potentially private sector interests in the full TRCC membership, to ensure that all stakeholders are adequately represented in the State's traffic record decision-making. **(Section 1-A)**

Deficiency Identified:

There is not representation on the TRCC from all traffic safety disciplines

Strategies:

Reach out to those traffic safety partners that are not currently included/involved within the TRCC

Project Name	Increase TRCC Membership
Priority	Low
Status	Planned
Lead Agency	OHSP
Project Description/Purpose	Contact various traffic safety partners and invite them to be an active participant in the TRCC. This would include but is not limited to: Local Law Enforcement, Local traffic engineers, Road Commission(s), MPO's and information technology professionals
Partners	OHSP, MDCH, MDOT, MSP, MDOS, MDIT
Performance Measure	Integration
Website	http://www.michigan.gov/msp/0,1607,7-123-1593_3504_41646-145631--,00.html
Project Director	Steve Schreier
Address	4000 Collins Rd, Lansing, MI 48909
Phone	517-333-5306
E-mail	Schreies@michigan.gov
Agency	Office of Highway Safety Planning
Impact/Results	The TRCC will be more complete and better represented across all areas
Start	On-going
End	On-going
Funding Source	N/A
Cost	N/A
Project Benchmarks	TRCC has better representation from all traffic safety disciplines and partners

MISC

Recommendation: 1 of 3

Data Integration

Develop additional linked data sets including merged data for crashes and injury surveillance information and merged data for crashes and citations. **(Section 1-C)**

Deficiency Identified:

There is not a systematic process or method to analyze traffic crash data across multiple disciplines.

Strategies:

- Develop a 'road map' that will provide the state the technical plan to link various traffic records databases to each other
- Implement the plan (long term)

Project Name	Data Linkage
Priority	High
Status	Proposed
Lead Agency	OHSP
Project Description/Purpose	Hire a consultant to create a 'Road Map' that outlines how to systematically link various traffic record databases (Crash, JDW, EMS, Driver, Vehicle, Roadway) This will allow the state to analyze data across traffic records disciplines and create and implement enhancement safety programs.
Partners	OHSP, CJIC, MSP, MDOS, MDOT, MDCH, SCAO
Performance Measure	Integration, Accessibility
Website	N/A
Project Director	Steve Schreier
Address	4000 Collins Rd, Lansing, MI 48909
Phone	517-333-5306
E-mail	Schreies@michigan.gov
Agency	Office of Highway Safety Planning
Impact/Results	The state will be able to analyze data across traffic records disciplines and create and implement enhancement safety programs
Start	10/1/10
End	9/30/11
Funding Source	408
Cost	$100,000
Project Benchmarks	A 'road map' is created and delivered to the state providing details on how to systematically link traffic records databases/systems

Recommendation: 2 of 3

Access Analytic Resources

Create public use data utilities for components of the traffic records system akin to the Michigan Traffic Crash Facts website and data repository. **(Section 1-D)**

Deficiency Identified:

There does not exist a single location/website where a user can obtain all the various traffic records data/information

Strategies:

- Develop a 'road map' that will provide the state the technical plan to link various traffic records databases to each other
- Implement the plan (long term)

Project Name	Public Data Access
Priority	Medium
Status	Proposed
Lead Agency	OHSP
Project Description/Purpose	Create public use data utilities for components of the traffic records system akin to the Michigan Traffic Crash Facts website and data repository.
Partners	OHSP, CJIC, MSP, MDOS, MDOT, MDCH, SCAO
Performance Measure	Accessibility
Website	TBD
Project Director	Steve Schreier
Address	4000 Collins Rd, Lansing, MI 48909
Phone	517-333-5306
E-mail	Schreies@michigan.gov
Agency	Office of Highway Safety Planning
Impact/Results	Users are able to access key traffic safety data
Start	TBD
End	TBD
Funding Source	TBD
Cost	TBD
Project Benchmarks	Users are able to access key traffic safety data

Recommendation: 3 of 3

Strategic Planning

Acquire and maintain a project management system and continually monitor and report on project activities including the 408 grant program. **(Section 1-B)**

Deficiency Identified:

There does not exist a central project management system to monitor and report on the traffic records project/activities

Strategies:

- Convene the TRCC a minimum of 4 times per year
- Ensure each agency provides an update on their project(s) at each meeting
- Communicate 2 times per year the on-going projects/activities to the GTSAC
- Maintain a TRCC webpage that houses meeting information, strategic plans, updates…etc.

Project Name	Traffic Records Communication
Priority	Medium
Status	Active
Lead Agency	OHSP
Project Description/Purpose	Through regular TRCC meetings, ensure communications at both the TRCC and traffic safety partner level are on-going and consistent.
Partners	CJIC, MSP, MSA, MACP, MDOT, County Road Commission, MPO's, FMCSA, FHWA, NHTSA
Performance Measure	Accessibility
Website	http://www.michigan.gov/msp/0,1607,7-123-1593_3504_41646---,00.html
Project Director	Steve Schreier
Address	4000 Collins Rd, Lansing, MI 48909
Phone	517-333-5306
E-mail	Schreies@michigan.gov
Agency	Office of Highway Safety Planning
Impact/Results	TRCC activities are monitored and reported to all traffic safety partners
Start	On-going
End	On-going
Funding Source	N/A
Cost	N/A
Project Benchmarks	

Priority Projects

Project Name	Area	Funding Amount	Priority
ECCS 4	Crash	$1,000,000	1
TCRS Add-Ons	Crash	$200,000	5
UD-10 Trainer	Crash	$155,000	2
Criminal History Records Update	All	$80,000	6
Citation & DUI tracking Reports	Citation	$25,600	7
Safety Analysis Verification	Roadway	$75,000	4
Establish Traffic Records Data Linkages	All	$100,000	3
	TOTAL	**$1,635,600.00**	

ECCS 4

In the past 4 years we have seen great progress in agencies now collecting and submitting crashes via an electronic method vs. a paper report (40% submit electronically vs. 60% submitted on paper). Electronic processing of crash reports provide significant benefits in cost effectiveness, improved data quality, timeliness, consistency, and completeness as well as processing efficiencies. However, local law enforcement agencies continue to experience technical and financial barriers in moving to automated crash processing systems.

In 2007-2010 projects were started to provide law enforcement agencies the ability to collect and transmit crash information electronically. 27 proposals from law enforcement agencies were received in 2007, 36 proposals were received in 2008 and 22 proposals were received in 2009. All proposals were 'scored' based on the quality, completeness and depth of how each agency was going to accomplish an ECCS system. 9 agencies were selected for participation for Grant Year 2008, 11 agencies were selected for Grant Year 2009 and 12 agencies were selected for Grant Year 2010. A 'Vendor/Agency' day was held June 10th, 2008 in which we were able to share lessons learned and provided all ECCS vendors an opportunity to let agencies know what they can do for them. Over 150 participants attended the meeting. In addition during this time frame we have been able to certify 8 vendor agencies that local law enforcement may contract with to complete an electronic crash solution.

5-10 grants will be provided to law enforcement agencies to implement an ECCS project. It is anticipated there will be different types of agencies (MSP, Sheriff, Local), different size agencies (small, medium, large) and agencies located in different parts of the state (UP, West, North…etc) that will submit for and be awarded grant funds.

TCRS Add-On

Develop a process to access traffic crash relevant files through TCRS – such as crash scene photos, incident narratives, witness statements, and crash reconstruction data.

UD-10 Trainer

There are over 600 law enforcement agencies employing over 22,000 officers/troopers, administrators and support staff. These agencies and employees have access to many training classes and educational activities. Most of these classes and activities are coordinated separately from agency-to-agency or employee-to-employee in conjunction with the Michigan Commission on Law Enforcement Standards (MCOLES). This request is a multi-year grant initiative to improve the safety of Michigan's roads, in addition to partnering with all traffic safety groups to continue to reduce the crash fatalities in Michigan.

There are many traffic safety partners statewide who would benefit from a partnership with the Michigan State Police, Traffic Crash Reporting Unit personnel to assist with improving the timeliness of crash data submissions, improving data edit errors, and improving the accuracy of crash reporting. The State of Michigan could benefit from a coordinated effort to provide effective traffic safety education in many mediums.

Continue to train law enforcement agencies which will increase the quality, accuracy and speed by which crash data is collected and submitted by 10% each calendar year.

Criminal History Records Update

Criminal History Arrest Segments are reported to the MSP in 93% of cases via an electronic connection from Livescan (fingerprint). This means that the arrest portion of the criminal history is submitted within hours the event (someone arrested for drunk driving). This data is available for analysis via the CHR as soon as it is submitted.

The current CHR application was designed to replicate an FBI reporting standard on arrest information dating back to the 1970's. Currently when any data on an arrest segment is report to the CHR, that arrest is filtered from a specific Michigan Arrest Code (MAC) to a more generic Arrest File Class (AFC).

For example:

MAC:5421 = Operate under/influence controlled substance (OUI CS)

This is translated in the CHR to:

AFC:5400 = Misdemeanor traffic offense (MTO)

By not having CHR Arrest Segment data entered as originally captured we are unable to compare this data with other important safety data to help identify various traffic safety issues.

- Modify the current CHR application to retain the original MAC codes and definitions within an arrest segment
- Provide an enterprise wide license (MSP) for the reporting module of CHR (Crystal Reports)
- Develop standard report queries and formats

Citation and DUI Tracking Reports

Capture and record the requirements of Citations and DUI from the JDW seen beneficial by the TRCC and create 'standard' analysis reports.

Safety Analysis Verification

Roadway data and traffic volumes are critical to roadway agencies to conduct system wide crash analysis of their roadways and any prediction of performance in relationship to crashes. While data may be available if may not be in the format or as discrete, as necessary, to be valid in an analysis.

SafetyAnalyst is a set of software tools under development by the Federal Highway Administration to help State and local highway agencies advance their programming of site-specific safety improvements. These software tools will incorporate state-of-the-art approaches to safety management to guide the decision making process on safety improvement needs and a system wide program of improvement projects. To support such a robust set of software tools discrete sets of roadway data is required. MDOT's efforts are to determine the validly of existing data sets and what revisions would be required to utilize SafetyAnalyst at an acceptable level. In the course of attempting to access and utilize Traffic and Safety data for safety analysis, including SafetyAnalyst, MDOT has confirmed issues with: data integrity; outdated data collection, management, and referencing in Traffic and Safety business areas.

- Update the freeway interchange data inventory to meet the needs of SafetyAnalyst
- Review and validation of several data items currently found in the MDOT sufficiency file for use in SafetyAnalyst.
- Integration of various Traffic and Safety databases, including bringing several MDOT databases based on MDOT's Control Section referencing system (i.e. signals files) to the statewide standard reference system (FRAMEWORK).
- Manipulation of traffic volume information for use in SafetyAnalyst including: development of ADT's for ramps development of estimates for local road ADT's at intersections with trunk-lines.

Traffic Records Data Linkages

In the past 10 years, Michigan has made great strides in creating a variety of traffic records databases and systems used to enhance overall traffic safety. These include: Crash, Judicial, EMS, Roadway, Driver and Vehicles records.

There does NOT though exist a system or process by which the users of these systems/records can tie or link one/many system or record to each other. For example, having the ability to systematically look at all Alcohol related crashes in relation to a drivers driving or judicial history. This information would be beneficial in researching and understanding issues such as 'repeat DUI offenders' and allow for programmatic decisions/projects to be conducted as such.

Funds will be used to hire a consultant. This consultant will create a comprehensive technical 'road map' that will out-line how we can link various traffic records databases and systems.

Appendix A

TRCC Charter

Mission
Improve the quality, timeliness and availability of crash related data, information and systems to enable stakeholders and partners to identify and resolve traffic safety issues

General Information

1. Include representatives from highway safety, highway infrastructure, law enforcement and adjudication, public health, injury control, and motor vehicle and driver licensing agencies, and motor carrier agencies.

2. The TRCC is an Action Team located under the Governors Traffic Safety Advisory Commission (GTSAC).

3. Provide a forum for the discussion of highway safety data and traffic records issues and report on any such issues to the agencies and organizations in the State that create, maintain, and use highway safety data and traffic records.

4. Consider and coordinate the views of organizations in the State that are involved in the administration, collection, and use of highway safety data and traffic records systems.

5. Represent the interest of the agencies and organizations within the traffic records system to outside organizations.

6. Review and evaluate new technologies to keep the highway safety data and traffic records systems up-to-date.

7. Facilitate and coordinate the linkage of systems within the state, such as systems that contain crash related medical and economic data with traffic crash data.

8. Form sub-committees and action teams as appropriate.

9. The TRCC will not adopt any formal policy or rules intended to impose authority on any group, agency or individual.

10. Within the TRCC there shall exist an 'Executive Committee'.

11. The TRCC Chair will keep the GTSAC apprised of TRCC activity, projects and/or accomplishments through reports at the bi-monthly GTSAC meetings.

12. Create and monitor a Traffic Records System Strategic Plan that:
    - ❖ addresses existing deficiencies in a State's highway safety data and traffic records system
    - ❖ specifies how deficiencies in the system were identified
    - ❖ prioritizes the needs and set goals for improving the system
    - ❖ identifies performance-based measures by which progress toward those goals will be determined
    - ❖ specifies how the State will use section 408 and other funds of the State to address the needs and goals identified in its Strategic Plan.

Executive Committee

The 'Executive Committee' will be comprised of:

- ➢ Michigan Department of State Police
- ➢ Michigan Department of State
- ➢ Michigan Department of Transportation
- ➢ Michigan Department of Community Health
- ➢ Michigan State Courts Administration Office
- ➢ Michigan Office of Highway Safety Planning

Each member shall have the authority to authorize changes of/expend agency funds to support the Michigan Traffic Records System.

The Executive Committee shall appoint a committee chair on an annual basis who will serve as chair for both the Executive Committee and the general TRCC body.

Appendix B

2009 Traffic Records Assessment –Executive Summary

Upon request by the Office of Highway Safety Planning (OHSP) within the Michigan State Police (MSP), the National Highway Traffic Safety Administration (NHTSA) assembled a team to conduct a traffic records assessment. Concurrently the OHSP carried out the necessary logistical and administrative steps in preparation for the onsite assessment. A team of professionals with backgrounds and expertise in the several component areas of traffic records data systems (crash, driver, vehicle, roadway, citation and adjudication, and injury surveillance) conducted the assessment October 26 to 30, 2009.

The scope of this assessment covered all of the components of a traffic records system. The purpose was to determine whether the traffic records system in Michigan is capable of supporting management's needs to identify the State's safety problems, to manage the countermeasures applied to reduce or eliminate those problems, and to evaluate those programs for their effectiveness.

Background

A similar assessment was conducted in 2004 that offered a number of recommendations to improve the State's traffic records system. The State has made considerable progress since that time, some of which is briefly acknowledged below.

In 2004, the State had begun an electronic crash data collection initiative; as of this report about 17 percent of the crash reports are sent electronically, with 25 percent expected by the end of 2009. The 2004 report noted that the State had established a web-based query tool for retrieval and analysis of crash data, but was available for law enforcement agency access only; access has now been extended to the broader highway safety community and includes the ability to generate crash-, vehicle-, and person-specific data tables – this has received high praise from many users encountered during the assessment.

The State has made progress in its development of a statewide repository for citation data. Until recently, collection of statewide data on citations was inhibited by the number of non-standard case management systems (CMSs) throughout the courts; the State has since created a Judicial Data Warehouse (JDW) and is installing a common CMS to allow uploading data to the JDW.

Over the past five years the State has developed a uniform EMS run report form and a central repository for the electronic submission of pre-hospital data; the State is now receiving data from nearly half of the 800 EMS agencies.

The Department of State (DOS) is currently testing a new driver and vehicle system in a Business Application Modernization (BAM) project and expects to become operational in June 2010.

However, some issues still remain regarding the ability of the present traffic records system to support Michigan's management of its highway safety programs. These are included in the summary below and the full report that follows.

Crash Records

The Michigan State Police (MSP), Criminal Justice Information Center (CJIC) is statutorily responsible for maintaining the State central repository for crash records, the Traffic Crash Reporting System (TCRS). Over 600 Michigan law enforcement agencies submit crash reports, both on paper forms and electronically, resulting in more than 300,000 crash reports annually.

In the past five years the entire crash system has been updated via a project called Crash Process Redesign (CPR). System changes have included but are not limited to: ability to accept crash reports electronically, development of a web-based crash reporting tool, improved processing efficiencies at CJIC, and improvements in crash locating.

MSP created a Vendor/Agency certification guide and testing criteria to assist vendors and agencies in developing the edits and criteria required for submitting data electronically regardless of the field data collection tool or an agency's records management system.

The State began a project to "Encourage and Assist Other Records Management System (RMS) Vendors to Develop an Electronic Crash Reporting Mechanism that will Interface with the State System." The first Electronic Crash Collection and Submission Initiative (ECCS 1) brought on the 43 agencies that were regularly submitting crashes and had met the certification requirements.

ECCS 2 followed in late 2008 with five local agencies and five county consortiums. ECCS 2 anticipates an additional 124 agencies will be submitting electronic crash data by late 2009. As of this report, 196 law enforcement agencies are sending crash reports electronically, comprising about 17 percent of all crash reports. By the end of 2009, the State expects that percentage to reach 25 percent, and 50 percent by the end of 2010.

It must be noted that the State's crash data quality control process is the most comprehensive that the team has encountered anywhere. It measures all of the standard attributes of quality data such as timeliness, completeness, and accuracy. The system routinely and automatically produces tables showing these measurements. This allows the database managers to constantly monitor the quality of crash reporting by the law enforcement agencies and to take corrective action immediately, resulting in better quality data for users throughout the highway safety community. Users have almost universally praised the improvement in the accuracy and timeliness of the crash data. It truly is a model for other States to copy.

Citation and Adjudication Records

In 2005, the Judicial Data Warehouse (JDW) was created to be a centralized repository of court records to allow sharing of information and the collection of statistical data. However, this effort was complicated by the use of many different case management systems throughout Michigan's 255 trial courts. These systems did not enable courts to share or access case information from other courts or State agencies or to interface with the JDW.

The State Court Administrative Office (SCAO) consequently began to convert all courts to the Justice Information System (JIS) case management system to allow uploading data to the JDW. The JDW extracts case data from the courts' case management systems and places it on one common platform. Court personnel have the ability to search the JDW to find a person known to the Michigan Judicial System and all cases in which he/she is involved. In the JDW, data from the various court systems are transformed to a standard format allowing all users to understand the data without regard to a specific county or court system.

By the end of 2008, 81 of 83 counties and 219 of 255 trial courts were uploading information/citations weekly to the JDW. The remaining 36 courts are now in the process of being 'certified' to be able to upload data to the JDW. Some of the courts are in the midst of an entire conversion to JIS and intend to send information to the JDW once that project is complete. The data warehouse project is scheduled for completion in 2010.

Regarding the citation tracking system recommended in 2004, no progress was made in this area. However, with the continued implementation of the Judicial Data Warehouse, coupled with the analysis provided by those that support other components of the traffic record systems, the requirements and ability to develop the citation tracking system will become better defined. A citation tracking system cannot be completed without a centralized source of data based on the citation issuance as will be provided by the completion of the JDW.

Driver and Vehicle Records

The Department of State (DOS) is currently testing a new driver and vehicle system in a Business Application Modernization (BAM) project and expects to become operational in June 2010. A new non-significant driver license number will be phased in, and the new driver license and ID cards will include a bar code in addition to the magnetic stripe that is on the cards now. Conviction reporting from the courts is almost totally electronic. Driver histories from prior States of licensing are maintained for both non-commercial drivers and commercial drivers.

DOS will become a full participant in the National Motor Vehicle Title Information System (NMVTIS) when the BAM is completed.

Injury Surveillance System Components

Michigan's Injury Surveillance System (ISS) consists of data collected under the direction of the following agencies:

Michigan Department of Community Health	Pre-hospital Data Death Certificate Data Trauma Registry Data (future)
Michigan Health and Hospital Association	Hospital Discharge Data

The inclusion of pre-hospital data to the State's ISS demonstrates significant progress since the previous assessment. Over the past five years, with the support of the TRCC, the Department of Community Health (MDCH) has developed a uniform EMS run report and a central repository for the electronic submission of pre-hospital data. The data collection system developed by Image Trend went live on May 15, 2009 and is currently receiving data from nearly half of the State's 800 EMS agencies. Additionally, the MDCH is developing a statewide trauma registry data system using the same vendor. Administrative Rules establishing trauma system guidelines have been put in place and await a funding source for full implementation.

The MDCH is the primary agency responsible for compiling ISS information on persons injured or killed as the result of a motor vehicle crash. With the exception of the new EMS and trauma registry, information from these databases is currently available through standardized reports, ad-hoc data requests, specialized reports and fact sheets.

There is currently little integration between the ISS and other components of the Traffic Records System. The addition of crash report number to the EMS patient care report and the development of compatible EMS and trauma registry data systems provide the opportunities for future data integration efforts.

Roadway Information

The Transportation Management System (TMS) is the legacy roadway information database maintained by the Michigan Department of Transportation (MDOT) on an Oracle-based platform. In addition the MDOT uses a statewide geographic information system (GIS), the Michigan Geographic Framework (MGF), which contains information on all public roads. These systems are used as an aid in the management of the State's roadway assets.

The TMS has a major shortcoming in how the road features are stored in the Sufficiency file. A notable weakness in the area of roadway information is the lack of updating selected road feature data. In addition the way road features are maintained in the Sufficiency file is questionable. The Sufficiency file prorates changes in features along a segment rather than creating a new segment when a major change occurs.

A project was submitted for consideration to the Traffic Records Coordinating Committee for federal 408 grant funding. The grant was approved. Because of no action this project has been abandoned.

The 83 County Road Commissions use a software product called RoadSoft, an asset management tool, to help manage the 89,000 mile county-road system. RoadSoft is provided by the Local Technical Assistance Program (LTAP) and is based upon the MGF and the PR location referencing method. RoadSoft is a graphically designed, integrated roadway management system developed for Michigan's local agency engineers and managers to use in the analysis and reporting of roadway inventory, safety, and conditions data.

RoadSoft has the potential to collect data for all public roads. With MDOT's concurrence county road employees can collect road features on the State system roads in their counties. This will remove the burden from MDOT to update road features data in the Sufficiency file. These data can be housed in the MGF for use by all safety stakeholders.

Strategic Planning

The current 2009 Strategic Plan for Traffic Records is an up-dated/revised version of the 2005 Strategic Plan, which used the findings of the Traffic Records Assessment conducted in October of 2004 to identify deficiencies to be addressed. The changes in the Strategic Plan were prompted by the annual submission of the federal 408 grant application for traffic records improvement funds.

The projects in the current Plan demonstrate an attention to emerging technology and best practices in the field of crash data collection and storage. But outside of crash file issues the Plan appears lacking in state-of-the-art initiatives in the other traffic records components. To ensure continuous planning a more formal process should be adopted that forces periodic reviews of not only the ongoing projects but of emerging technology in traffic records development in other States and at the national level.

The inclusion of new projects or system modifications, revisions, or adoption of new technology should be viewed as long term needs of the Michigan highway safety community and therefore the State should be committed to their implementation and continuous operation regardless of the funding source. Consideration should be given to the long term maintenance of systems and the budget implications implicit in the continuous operation.

Traffic Records Coordinating Committee (TRCC)

The State does not strictly follow the typical makeup of a State TRCC with a discreet hierarchical structure consisting of Executive and Technical levels. The Michigan TRCC is an umbrella group that lists all of the members, with certain individuals designated as forming the Executive level. This group has the authority to approve projects and funding as recommended in the NHTSA *Advisory*. The remaining individuals combined with the Executive level are considered the full TRCC.

However, what is usually referred to as the working or technical level members has become the Crash Data Users Group (CDUG). Despite the atypical organizational structure, the TRCC has been very involved in the many traffic records improvements described in this report. The one obvious omission is the lack of formally designated local representatives. While they are listed as members of the CDUG and have been major contributors to the TRCC initiatives, that group does not have the official recognition that would be accorded if listed in the formal TRCC membership.

There is a close relationship between the TRCC and the Governor's Traffic Safety Advisory Commission that meets every other month. The TRCC chair attends and gives reports of the traffic records activities and their status.

Appendix C

Acronyms

Acronym	Definition
AASHTO	American Association of State Highway and Transportation Officials
BAM	Business Application Modernization
CJIC	Criminal Justice Information Center
CODES	Crash Outcome Decision Evaluation System
CPR	Crash Process Redesign
DLN	Drivers License Number
EMS	Emergency Management System
FHWA	Federal Highway Administration
GIS	Geographic Information System
GPS	Global Positioning System
GTSAC	Governor's Traffic Safety Advisory Commission
HIPPA	Health Insurance Portability and Accountability Act
ITE	Institute of Transportation Engineers
JDW	Judicial Data Warehouse
JIS	Justice Information System
NETRMS	Internet Remote Management System
LEL	Law Enforcement Liaison
MARS	Maintenance Activity Reporting System
MDCH	Michigan Department of Community Health
MDE	Michigan Department of Education
MDIT	Michigan Department of Information Technology
MDOS	Michigan Department of State
MDOT	Michigan Department of Transportation
MSP	Michigan Department of State Police
MIEMSIS	Michigan Emergency Medical Services Information System
MMUCC	Model Minimum Uniform Crash Criteria
MPO	Metropolitan Planning Organization
NCHRP	National Cooperative Highway Research Program
NEMSIS	National EMS Information System
NHTSA	National Highway Transportation Research Administration
NMVTIS	National Motor Vehicle Title Information System
OHSP	Office of Highway Safety Planning
PDO	Property Damage Only
PSA	Public Service Announcement
RMS	Records Management System
SCOA	State Court Administrative Office
SEMCOG	Southeast Michigan Council of Governments
TCLS	Traffic Crash Location System
TCPS	Traffic Crash Purchasing System
TCRS	Traffic Crash Reporting System
TRAMS	Transportation Reporting and Mapping System
TRCC	Traffic Records Coordinating Committee
VIN	Vehicle Identification Number

Appendix D

TRCC - Current Membership

Last	First	Dept-Org	Email	Work Phone	Work Fax
Ambs	Scott		sambs@co.jackson.mi.us		
Benac	Jack	DIT	BenacJ@michigan.gov	517-335-2975	
Bolger	Matt	MSP-Executive	bolgerM@michigan.gov	517-336-6266	
Bombery	Eric		bomberye@miwats.org		
Booth	Jill	SCAO	boothj@courts.mi.gov	517-373-2173	
Bott	Mark	MDOT	bottM@michigan.gov	517-335-2625	
Bower	Katie	MSP-CJIC-SRD	bowerk@michigan.gov	517-322-5511	517-322-6326
Bruff	Tom	SEMCOG	bruff@semcog.org		
Bueter	Fred J.	DOS	BueterF@michigan.gov	517-322-1934	
Compton	Charlie		ccompton@umich.edu		
Cook	Lance	MSP-FOD	cooklr@michigan.gov	517-336-6660	
Culp	James	MDOT	culpj@michigan.gov		
Decorte	Bob	TIA	bobd@tiami.org		
Dobek	Marc	SCAO	dobekm@courts.mi.gov	517-373-8978	
Duke	Steve		sduke@co.jackson.mi.us		
Etue	Kriste	MSP-ASB	etuek@michigan.gov	517-3366175	517-336-6551
Farnum	Kathy	MSP-OHSP	FarnumK@michigan.gov	517-333-5316	517-333-5756
Henderson	Andrea		ahenderson@ci.southgate.mi.us		
Kuska	Thelma	NHTSA-Chicago	Thelma.kuska@dot.gov	708-503-8822	
Lighthizer	Dale	MDOT	LIGHTHIZERD@michigan.gov	517-373-2334	
Lyles	Richard		lyles@egr.msu.edu		
McNinch	Terry	Mich Tech	tlmcninc@mtu.edu		
Mercer	Betty	Mercer Consulting	mercerconsulting@comcast.net	517-861-7831	
Mohr	Brian	SEMCOG	mohr@semcog.org		
Morena	David	FHWA	David.Morena@fhwa.dot.gov	517-702-1836	
Muinch	Patrick	FMCSA	patrick.muinch@dot.gov		
Peet	Jack	AAA	JCPeet@AAAmichigan.com		
Peterson	Thad	MSP-TSD	PetersoT@michigan.gov	517-336-6611	517-336-
Prince	Michael	MSP-OHSP	PrinceM@michigan.gov	517-333-5301	517-333-5756
Rodgers	Tammi		Trodgers@co.grand-traverse.mi.us		
Santilli	James		jims@tiami.org		
Schreier	Steve	MSP-OHSP	SchreieS@michigan.gov	517-333-5306	517-333-5756
Sherman	Diane	MSP-CJIC	ShermaDL@michigan.gov	517-322-5511	517-322-6326
Shivley	Robin	DCH-EMS & Trauma	rmshivl@michigan.gov	517-241-3024	
Simon	Debbi A.	DIT	SimonD1@michigan.gov	517-636-0244	
Skeels	Matt		mskeels@co.grand-traverse.mi.us		
Smith	Sydney	MSP-CJIC	SmithSydney@michigan.gov	517-322-1188	517-322-5385
Stecker	Ken	PACC/PAAM	steckerk@michigan.gov		
Surber	Rob	DIT	SurberR@michigan.gov	517-373-7910	
Vibbert	Ron	MDOT	VibbertR@michigan.gov	517-373-9561	
Walker	Jerry	TIA	jerryw.tiami.org		
Wallace	John	FMCSA	John.Wallace@dot.gov		
Wheeler	Don		Dawheeler77@aol.com		
Executive Committee					

Appendix E

Signature Page

F. Bueter

Fred Bueter
Michigan Department of State
Director, Document Services Division

4-22-10
Date

Mark Bott

Mark Bott
Michigan Department of Transportation
Manager, Traffic Safety Engineering

4/22/2010
Date

M. Dobek

Mark Dobek
State Court Administrative Office
Director, Judicial Information Systems

4/22/2010
Date

Michael Prince
Office of Highway Safety Planning
Division Director

4/22/2010
Date

Diane L. Sherman

Diane Sherman
Michigan Department of State Police
Director, Criminal Justice Information Center

4/22/10
Date

Robin M. Shively

Robin Shively
Michigan Department of Community Health
Manager, EMS & Trauma Services Section

4/27/10
Date